

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
12.550	11.949
22.800	21.726
34.199	32.588

q_{\max}	q_{\min}
0.774	0.030
1.407	0.056
2.111	0.084

Energy:	SDD: 4500 mm
55	
100	
150	

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
13.656	11.371
24.830	20.676
37.244	31.012

q_{\max}	q_{\min}
1.450	0.058
2.637	0.105
3.955	0.158

Energy:	SDD: 2400 mm
55	
100	
150	

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
15.130	9.650
27.510	17.546
41.264	26.318

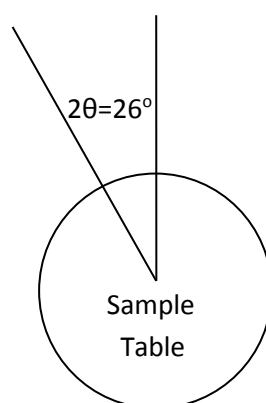
q_{\max}	q_{\min}
3.464	0.139
6.298	0.253
9.447	0.380

Energy:	SDD: 1000 mm
55	
100	
150	

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
17.024	7.083
30.955	12.878
46.431	19.316

q_{\max}	q_{\min}
6.2169	0.253
11.302	0.460
16.952	0.691

Energy:	SDD: 550 mm
55	
100	
150	



Available q_{\min} (\AA^{-1}), q_{\max} (\AA^{-1}) for 2D area detector Pilatus centred with respect to the X-ray beam (whole diffraction rings are recorded) and shifted to a maximal transversed distance ($2\theta = 26^\circ$) from the beam ($q_{\max}(\text{shift})$ (\AA^{-1}), $q_{\min}(\text{shift})$ (\AA^{-1})), only sectors of diffraction rings are recorded) for 2D area detector in Experimental Hutch 1 (EH1). Values are calculated for four selected sample-detector distances (SDD) distances, where distanced from 550 mm to 2400 mm are for 2D area detector on Large Detector Table 1 (any other distances in the range from 550 mm to 2400 mm are available), and 4500 mm is for 2D area detector on Small Detector Table 1. **All values are calculated and for guidance only.**

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.526	0.501
0.289	0.276
0.193	0.184

d_{\max}	d_{\min}
202.88	8.118
111.58	4.465
74.39	2.976

Energy:	SDD: 4500 mm
55	
100	
150	

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.553	0.460
0.304	0.253
0.203	0.169

d_{\max}	d_{\min}
108.20	4.333
59.51	2.383
39.67	1.589

Energy:	SDD: 2400 mm
55	
100	
150	

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.651	0.415
0.358	0.228
0.239	0.152

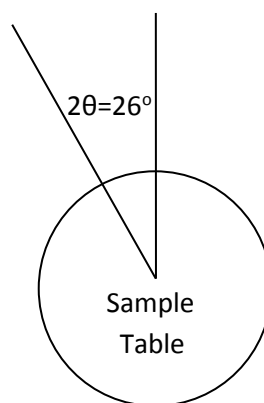
d_{\max}	d_{\min}
45.086	1.814
24.796	0.998
16.531	0.665

Energy:	SDD: 1000 mm
55	
100	
150	

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.887	0.369
0.489	0.203
0.325	0.135

d_{\max}	d_{\min}
24.798	1.011
13.638	0.556
9.092	0.371

Energy:	SDD: 550 mm
55	
100	
150	



Available d_{\min} (Å), d_{\max} (Å) for 2D area detector Pilatus centred with respect to the X-ray beam (whole diffraction rings are recorded) and shifted to a maximal transversed distance ($2\theta = 26^\circ$) from the beam ($d_{\max(\text{shift})}$ (Å), $d_{\min(\text{shift})}$ (Å)), only sectors of diffraction rings are recorded) for 2D area detector in **Experimental Hutch 1 (EH1). Values are calculated for four selected sample-detector distances (SDD) distances, where distanced from 550 mm to 2400 mm are for 2D area detector on Large Detector Table 1 (any other distances in the range from 550 mm to 2400 mm are available), and 4500 mm is for 2D area detector on Small Detector Table 1. **All values are calculated and for guidance only.****

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
7.833	6.810
14.242	12.384
21.362	18.576

q_{\max}	q_{\min}
0.553	0.022
1.005	0.040
1.508	0.060

Energy:	SDD: 6300 mm
55	
100	
150	

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
15.368	13.425
27.942	24.411
41.912	36.615

q_{\max}	q_{\min}
1.339	0.053
2.434	0.097
3.651	0.146

Energy:	SDD: 2600 mm
55	
100	
150	

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
18.651	16.534
33.912	30.064
50.867	45.095

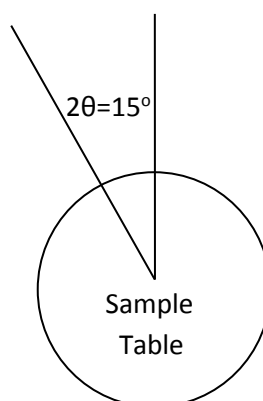
q_{\max}	q_{\min}
1.739	0.069
3.163	0.126
4.744	0.190

Energy:	SDD: 2000 mm
55	
100	
150	

$q_{\max}(\text{shift})$	$q_{\min}(\text{shift})$
27.192	25.295
49.442	45.994
74.162	68.989

q_{\max}	q_{\min}
3.464	0.139
6.298	0.253
9.447	0.380

Energy:	SDD: 1000 mm
55	
100	
150	



Available q_{\min} (\AA^{-1}), q_{\max} (\AA^{-1}) for 2D area detector Pilatus centred with respect to the X-ray beam (whole diffraction rings are recorded) and shifted to a maximal transversed distance from the beam ($q_{\max}(\text{shift})$ (\AA^{-1}), $q_{\min}(\text{shift})$ (\AA^{-1}), only sectors of diffraction rings are recorded) for 2D area detector **in Experimental Hutch 2(EH2). Values are calculated for four selected sample-detector distances (SDD) distances, where distanced from 1000 mm to 2600 mm are for 2D area detector on Large Detector Table 2 (any other distances in the range from 1000 mm to 2600 mm are available), and 6300 mm is for 2D area detector on Small Detector Table 2. **All values are calculated and for guidance only.****

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.922	0.802
0.507	0.441
0.338	0.294

d_{\max}	d_{\min}
284.04	11.363
156.21	6.250
104.14	4.166

Energy:	SDD: 6300 mm
55	
100	
150	

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.468	0.409
0.257	0.225
0.171	0.150

d_{\max}	d_{\min}
117.22	4.693
64.469	2.581
42.981	1.720

Energy:	SDD: 2600 mm
55	
100	
150	

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.380	0.337
0.209	0.185
0.139	0.123

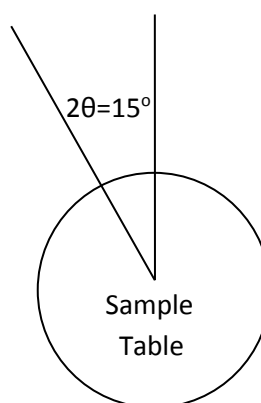
d_{\max}	d_{\min}
90.172	3.612
49.592	1.987
33.062	1.324

Energy:	SDD: 2000 mm
55	
100	
150	

$d_{\max(\text{shift})}$	$d_{\min(\text{shift})}$
0.248	0.231
0.137	0.127
0.091	0.085

d_{\max}	d_{\min}
45.086	1.814
24.796	0.998
16.531	0.665

Energy:	SDD: 1000 mm
55	
100	
150	



Available d_{\min} (Å), d_{\max} (Å) for 2D area detector Pilatus centred with respect to the X-ray beam (whole diffraction rings are recorded) and shifted to a maximal transversed distance from the beam ($d_{\max(\text{shift})}$ (Å), $d_{\min(\text{shift})}$ (Å)), only sectors of diffraction rings are recorded) for 2D area detector in Experimental Hutch 2 (EH2). Values are calculated for four selected sample-detector distances (SDD) distances, where distanced from 1000 mm to 2600 mm are for 2D area detector on Large Detector Table 2 (any other distances in the range from 1000 mm to 2600 mm are available), and 6300 mm is for 2D area detector on Small Detector Table 2. **All values are calculated and for guidance only.**